



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

ROBINSON
654-0050

DATE: April 7, 1977

TO: Miles A. Zamco, Field Operations Manager, DAPC

FROM: Tom Malani, Region II, DAPC *Malani*

SUBJECT: Air Pollution Investigation Report
Xerox Corp (Oak Brook East)
1801 Swift Drive
Oak Brook, Illinois

BOB BLACKMORE

22nd YORK

22nd ACROSS

ID No: 043 070 AAG
Permits: Ø 309 0097 granted to 5/6/81
TAS: Needs basic update

In view of information received about the change of operations at this facility a visit was made on March 24, 1977. The writer was accompanied on this investigation by Jim Cobb and Bill Miller of the Permit Section as observers.

Background:

The facility at this location is a service organization only, employing 362 persons on two 8 hour shift schedule. On an average 175 units of Xerox copiers are serviced and refurbished per day. Recently in April 1977 Xerox's refurbishing Centre at Elk Grove Village has been closed down and part of the process and control equipment has been transferred to this plant. Mr. Leo Huelsman's memo of October 26, 1972 covers the operations at this plant in 1972.

Permits:

The facility at Oak Brook East has combined the operation permit No. Ø 311 0035 for the Oak Brook location and permit No. Ø 309 0097 for the reorganized Oak Brook East location. This permit was granted on 5/7/76 and is valid up to 5/6/81. Also 10 exhaust systems from the Oak Brook West plant have been relocated at Oak Brook East plant.

Processes:

The facility is operating the following process equipment currently.

CONDITIONING

Detergent wash - 5 booths are used which are vented to the atmosphere. 39 lbs of AP 71 solvent is used per hour per booth. The spent solvent is recovered in the holding tank. The solvent AP 71 is made up of:

3 20FT BOOTHS
DIV IN HALF

3 EXHAUST

INLAND Chem

FR WAYNE IN

Methylene Chloride	14%
Trichloroethylene	10%
Perchloroethylene	26%
Mineral Spirits	50%

Stack tests conducted by the facility indicate that the total solvent vapor emission from the cleaning room booth is 3.71 lbs/hr. Hence this emission source is in compliance with the applicable Rule 205(f).

4 MORE 10 FT BOOTH'S
USE DISPOSABLE FILTERS
4 GAL/HRS BOOTH'S
FOR ALL 6 BOOTH'S
4 KINTINE
✓ Spray Painting - 2 De Vilbiss paint spray booths are controlled by disposable dry filters. The filters are "Dispo Curtain" medium FB - unwoven cloth. Paint consumption is 1.6 lbs/hr per booth. The emission from this source are not significant.

✓ Ovens - 2 ovens are used for baking the spray painted parts. These vent to the atmosphere. These emissions are not significant.

✓ Sanding booths - there are 2 sanding booths, which are controlled by dry filters, which adequately control the emissions. } SANDING BOOTH'S IN DIFF PART OF PLANT

Assembly - the parts of the machines are re-assembled. Some parts are coated with lacquer spray in 4 booths which are controlled by dry filters. 8 lbs of epoxy paint is used per hour.

Emissions - solvent emissions from the cleaning booths are 18.55 lbs/hr. Solvent emissions from epoxy spray are 3.5 lb/hr.

Conclusion:

From the information furnished by the facility and the writers sensory observations the facility appears to be in compliance with the applicable Air Pollution Rules and Regulation of the state for hydrocarbon and particulates emissions.

TM:vj

cc: Region II File

NAME OF FACILITY: XEROX CORP - Oakbrook East ADDRESS: 1601 Swift Drive; Oakbrook I.D. No 43070, Ade

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